

Applicant: Wu
Application No.: 10/638,849
Request for Continued Examination
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AMENDMENTS TO THE CLAIMS

This listing will replace all prior versions and listings of the claims in the above-identified application:

20. (currently amended) An bobbin-style electrochemical cell comprising:

a cylindrical can having an open end and a side wall;

a cover, positioned over the open end, consisting of a base and a peripheral wall extending axially away from the base wherein the peripheral wall has a terminal edge positioned radially outside of the outer the side wall;

a first adhesive disposed between at least a portion of an outer-facing length of the side wall and the peripheral wall so that the cover and the can are adhesively secured to form a non-crimped electrochemical cell container and wherein the can and the cover define an internal chamber in the non-crimped container;

a positive first electrode disposed within the internal chamber of the non-crimped container;

a negative second electrode disposed within the internal chamber of the non-crimped container, wherein the second electrode is in contact with the side wall along substantially all of an entire inner-facing length of the side wall; and

a current collector disposed within the internal chamber, said current collector in electrical contact with the cover at one end and completely surrounded by the first electrode at an opposing end; and

an alkaline electrolyte solution disposed within the internal chamber of the non-crimped container.

21. (previously presented) The electrochemical cell as defined in claim 20 further comprising a seal disposed between the side wall and the peripheral wall.

22. (previously presented) The electrochemical cell as defined in claim 20, further comprising a second adhesive disposed between the cover and the can.

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23. (previously presented) The electrochemical cell as defined in claim 22, wherein the first and second adhesives are located such that the first adhesive is axially closer to the open end relative to the second adhesive.

24. (previously presented) The electrochemical cell as defined in claim 23, wherein the first adhesive comprises an epoxy having Bisphenol A.

25. (previously presented) The electrochemical cell as defined in claim 22, further comprising a seal positioned proximate to the cover.

26. (previously presented) The electrochemical cell as defined in claim 22, wherein the non-crimped container is a metal container.

27. (previously presented) The electrochemical cell as defined in claim 20, further comprising a seal positioned proximate to the cover.

28. (previously presented) The electrochemical cell as defined in claim 20, wherein the container is a metal container.